

Message Text

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ACTION SCI-06

INFO OCT-01 IO-14 ISO-00 AF-10 ARA-16 EA-11 EUR-25 NEA-10

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FM USMISSION IAEA VIENNA

TO SECSTATE WASHDC 4158

INFO AEC GERMANTOWN

UNCLAS IAEA VIENNA 2821

E.O. 11652: N/A

TAGS: AORG, OCON, IAEA, TECH

SUBJECT: IAEA STUDY GROUP ON UTILIZATION OF HEAT FROM

NUCLEAR REACTORS FOR INDUSTRIAL PROCESSES

AND DISTRICT HEATING, VIENNA, SEPT 2-6, 1974

1. MISSION HAS RECEIVED AGENCY LETTER NOTING THAT SUBJECT MEETING WILL BE CONVENED IN CONNECTION WITH AGENCY'S CONSIDERATION OF LONG-TERM PROGRAM DEALING WITH MULTI-PURPOSE APPLICATION OF NUCLEAR ENERGY, ESPECIALLY USE OF HEAT FROM NUCLEAR REACTORS FOR INDUSTRIAL PURPOSES AND DISTRICT HEATING. SUCH PROGRAM WOULD INCORPORATE SOME EXISTING AGENCY ACTIVITIES, SUCH AS THOSE RELATED TO NUCLEAR DESALTING. FIRST STEP IN DRAWING UP PROGRAM WILL BE TO IDENTIFY INTEREST OF MEMBER STATES AND ARRANGE FOR EXCHANGE OF INFORMATION BETWEEN INTERESTED COUNTRIES.

2. STUDY GROUP WILL FIRST CONSIDER WORK PRESENTLY BEING DONE IN MEMBER STATES AND DEFINE NEEDS FOR INTERNATIONAL COOPERATION IN USE OF NUCLEAR HEATING FOR PURPOSES OTHER THAN PRODUCING ELECTRICITY. STUDY GROUP WILL ALSO RECOMMEND OBJECTIVES OF PROGRAM, PRIORITIES TO BE FOLLOWED, AND ACTION TO BE TAKEN BY AGENCY. PARTICIPANTS EXPECTED PRESENT REVIEW PAPERS ON WORK BEING DONE IN THEIR COUNTRIES AS WELL AS TECHNICAL PAPERS DESCRIBING PRESENT

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STATE OF DEVELOPMENT (TECHNICALLY AND FROM POINT OF

VIEW OF ECONOMIES) IN USING HEAT FROM NUCLEAR REACTORS.

AGENDA WILL COVER:

A. STATUS OF ACTIVITIES IN RESPECTIVE COUNTRIES

B. TECHNICAL AND ECONOMIC FEASIBILITY OF USING
HEAT FROM NUCLEAR REACTORS

- (1) HIGH-TEMPERATURE HEAT UTILIZATION FROM HTR
- (2) PROCESS STEAM PRODUCTION AND UTILIZATION
- (3) NEW ACHIEVEMENTS IN SEA-WATER DESALTING STUDIES

(4) DISTRICT HEATING FROM SINGLE AND DUAL PURPOSE
NUCLEAR PLANTS.

(5) WASTE HEAT UTILIZATION FROM ELECTRIC NUCLEAR
POWER PLANTS.

C. STATUS REPORT (TO BE PUBLISHED IN THE ATOMIC ENERGY
REVIEW) AND RECOMMENDATIONS TO THE DIRECTOR GENERAL
FOR FUTURE IAEQ ACTIVITIES.

3. AGENCY REQUESTS NOMINATION OF ONE OR MORE US EXPERTS
TO PARTICIPATE IN THE MEETING AT NO RPT NO EXPENSE
TO AGENCY. NOMINATIONS AND TITLES OF PAPERS REQUESTED
BEFORE JULY 1, 1974.

4. COPY OF LETTER POUCHES AMMONS, AEC. ADVISE
PORTER

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